INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/26109

| | 101/0804/2010 | <u> </u> |
|---|--|------------------------------------|
| A. CLASSIFICATION OF SUBJECT MATTER | | |
| IPC(7) : A61M 5/32 | | |
| US CL : 604/198 | | |
| According to International Patent Classification (IPC) or to both r | national classification and IPC | |
| B. FIELDS SEARCHED | | |
| Minimum documentation searched (classification system follower | d by classification symbols) | |
| U.S.: None | • | |
| 5.5 1 104 | | |
| | | 1. 4. 6.11 |
| Documentation searched other than minimum documentation to the | he extent that such documents are included | in the fields searched |
| None | | |
| | | |
| | - Clata base and subone prostigable se | anh terme used) |
| Electronic data base consulted during the international search (na | ime of data base and, where practicable, se | and terms usedy |
| None | | |
| | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
| Category * Citation of document, with indication, where | appropriate, of the relevant passages | Relevant to claim No. |
| X US 20030135159 A1 (DAILY et al.) 17 July 2003 | 17.07.2003), see figs. 4-6 and related 2, 3 | |
| text. | , , | |
| Y | | 1 |
| • | | |
| y US 5,554,131 A (LACIVITA) 10 September 1996 | US 5,554,131 A (LACIVITA) 10 September 1996 (10.09.1996), see figs. 5, 6 and related 1 | |
| text. | | |
| A US 6,099,504 A (GROSS et al.) 8 August 2000 (0) | US 6,099,504 A (GROSS et al.) 8 August 2000 (08.08.2000), see entire document. | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| • | | |
| | | |
| | | |
| | · | |
| | | <u> </u> |
| | See patent family annex. | |
| Further documents are listed in the continuation of Box C. | • • | |
| Special categories of cited documents: | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the | |
| "A" document defining the general state of the art which is not considered to be of | principle or theory underlying the inve | ention |
| particular relevance | urm 4 to Constitute relations to | claimed invention connet be |
| wom | "X" document of particular relevance; the considered novel or cannot be considered. | ared to involve an inventive step |
| "B" earlier application or patent published on or after the international filing date | when the document is taken alone | • |
| "L" document which may throw doubts on priority claim(s) or which is cited to | "Y" document of particular relevance; the | claimed invention cannot be |
| establish the publication date of another citation or other special reason (as | considered to involve an inventive ste | p when the document is combined |
| specified) | with one or more other such documen | ts, such combination being obvious |
| "O" document referring to an oral disclosure, use, exhibition or other means | to a person skilled in the art | |
| "P" document published prior to the international filing date but later than the | "&" document member of the same patent | family |
| priority date claimed | | |
| • • | Date of mailing of the international ser | arch report |
| Date of the actual completion of the international search | Date of mailing of the international ser | |
| 19 August 2005 (19.08.2005) | A DEI COUS | |
| Name and mailing address of the ISA/US | Authorized officer | |
| Mail Stop PCT, Attn: ISA/US | La, Sare Kill | |
| Commissioner for Patents | Michael J. Hayes | |
| P.O. Box 1450 | Telephone No. 703-308-0858 | |
| Alexandria, Virginia 22313-1450 | . 1010phone 140. 703-308-0036 | |
| Facsimile No. (703) 305-3230 | | |